

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



62.61

LIBRARY  
FEB 16 1944  
U.S. DEPARTMENT OF AGRICULTURE

# *Hornberger's 1944 Horticultural Products*



MRS. F. C. H.—SEE PAGES 2-3

## 25TH ANNIVERSARY



# Our Twenty-Fifth Anniversary

With this our 1944 catalog, we wish to announce our twenty-five years of merchandising horticultural products by mail order. While we have handled many products, our leading specialty for about twenty-five years, has been the production and distribution of gladiolus bulbs.

Our mail order nursery business had its inception here at Hamburg about 28 years ago, as a garden hobby. I trust you will not object to a little review of these years to commemorate a quarter of a century of floral service.

For many years the business was conducted under my own name. Six years ago, we made the business a partnership, (not Inc.), and the business became known as Hornberger's Home and Garden Service. However we use for general advertising purposes the more abbreviated term of—Hornberger's Garden Service. We also have a local retail store or Garden Shop, in connection with our office and local warehouse. We have another warehouse or Bulb Storage at Centertown, Kentucky, where the larger part of our commercial bulb crop is produced. Our larger bulb orders are shipped direct from Centertown, Kentucky, to our customers, in every part of the U. S. A. Here along the picturesque banks of the Green river of Kentucky, we grow our "High Quality Young Bulbs." Prior to the war we had sent our advertising matter and catalogs to some 10 to 12 foreign nations, as well as to every state in the union.

Our 1944 catalog is only one half the size of our 1938 catalog, but we have eliminated many varieties, and we have prepared a number of monographs, dealing with special subjects which helps us reduce the size of this catalog, these monographs are sent free, when requested with your order, or we will mail one or all available, for a 3c stamp to cover cost of mailing, when you order them sent separately.

## SOME OF OUR BETTER KNOWN GLADIOLUS ORIGINATIONS

### Gladiolus, Mrs. F. C. Hornberger

Introduced by us about 20 years ago, was often referred to as the "perennial prize winner." At Hartford, Conn., Gladiolus Exhibition, 1926, won as the best spike in the show. At Horticultural Hall, Boston, Mass., New England Gladiolus Show, 1927, won the Championship Cup as the best three spikes in the show. At Madison Square, New York, 1931, won the "Vaughan's Bronze Medal," as the best white gladiolus in the show. These are merely some of the "high lights." About that same time it was listed in the American Gladiolus Society, national symposium as one of the most popular 25 varieties grown in the U. S. A.

### The Remarkable Keeping Qualities of Glad. Mrs. F. C. H.

There is much difference in the keeping qualities of different varieties of flowers. When precooled they keep better than when used without this scientific treatment, however we can keep cut flowers too long in controlled refrigeration, this is true of glads, roses and all other perishables. It is also true flowers may be too old when fresh cut. Under controlled greenhouse conditions the functional activities of the plants or flowers may be "slowed down" the same as when fresh cut and placed in the refrigerator. While methods of preserving and keeping flowers are very important we must remember that "keeping quality" is an inherent quality with individual varieties of flowers. Some varieties of roses that have very exceptional "inherent keeping qualities" may not be good "forcers" when grown under greenhouse conditions, while a very "profitable" and easy forcer may not have 50 percent of the keeping qualities of the first mentioned. This is often the reason why your roses and other flowers do not always give the same satisfaction, unless you purchase (only) such varieties as have proven their worth in your own experience. Gladiolus, Mrs. F. C. Hornberger, will keep from two to three times as long, under controlled conditions as will many other well known varieties. Some will not keep a week in the refrigerator, when cut in bud and precooled.





A dish arrangement, using a "tip bloom" of gladiolus, Mrs. F. C. H., see page 2 and 3 for full details. A "bud tip bloom" with a few sprays of barberry.

### Experimental Work with Glad. Mrs. F. C. Hornberger, on Oct. 1, 1943

I cut one spike of this variety for experimental purposes, this was cut in the stage of development we call the "tight bud" or where several buds show color, but no floret has opened. This spike was placed in one corner of our refrigerator located in our Garden Shop. The reproduction shown on the front outside cover of this catalog, was made from a photograph taken late in the day, Oct. 12th, (photographed by Sheff Studio, 88 Main St., Hamburg, N. Y.) You will notice a few lines on the lower petals, these were slightly damaged by such close contact, with other flower material for 12 days in the refrigerator. The florets were slightly crushed by contact.

No cut flower food was used in the water, and the stems were not cut or shortened. After the photograph had been made, the flower was not replaced under refrigeration, but left in the open. On Oct. 15th the two lower florets had wilted but more buds had opened, and it had more blooms open than on the 12th when photographed. On Oct. 21st, three weeks after cutting, there was four florets in good condition and several buds in color, with a total loss of the six lower florets in three weeks time. On Oct. 26th, we used the remaining "tip bloom" and a few sprays of barberry in the "Dish Arrangement" shown above.

### Gladiolus "Aflame"

was introduced by us about 20 years ago and first listed at \$25.00 per bulb. It has proven to be one of the outstanding varieties of its time, it has a long record of prizes, won at gladiolus exhibitions, it is one of the varieties tested at the Michigan Experimental Station as having immunity to the disease known as "fusarium yellows," in my own experimental work it has proven the most "resistant" of all varieties under trial.

It is listed by the largest horticultural interests in the U. S. A. including Wayside Gardens, Mentor, Ohio, and many others. It is well known in Australia, New Zealand, England, Mexico and Canada.

Last season we had a large bulb order from one of the largest firms in Mexico. They grow some two and one half million bulbs,—said they grew the leading varieties, but that Aflame was the most popular with their people. It has been grown to six feet or more and with florets of six inches or more, with some 6 to 8 or more open. We have grown it in large quantity, when we had bunches of one dozen that would weigh over 4 lbs. (Listed in the old AGS symposium, among best 25).

We have originated and introduced quite a long list of new varieties but space does not permit a review of them here. One of our latest popular varieties, is "JEANEL" (Jean-El.) "El" is for Eldred. This variety is a color sport of Picardy, and is like Picardy in all of its characteristics, except coloring, which is a blending of buff, pink, cream and yellow, we call it "peach color." Our latest 1944 introduction, is another sport of Picardy, we have named "SPRINGTIME" and a brief color description is "apple blossom pink."—F. C. H.



## PLEASE READ BEFORE ORDERING

**DISCOUNTS AND TERMS OF SALE:** Our prices are figured on a net basis, we could do like many others are now doing, that is add from 10 to 30 percent or more to our net selling prices, and then offer you from 10 to 30 percent or more as discounts from our catalog. Personally, I do not like this method, but have also used it in past years. The largest merchants in the world are "Mail Order Houses." When you order \$1.00 worth or \$100.00 worth of merchandise you pay their net selling prices, they do not allow you from 10 to 30 percent discount on your \$100.00 order, if they did, it would be necessary to have first added the discount to the net prices. We do give some extra count (or larger size value), with orders for gladiolus bulbs and some other plant material. The amount of extras will depend on the size and nature of your order, it sometimes amounts to 10 percent or more of the value of the order, other merchandise is strictly net. I will cite an example to show what I mean by NET prices. One of the largest growers of Gladioli lists one of the most popular low price items—Gladiolus Aladdin, as follows: 10 large for 65c and 10 medium for 40c, or 20 bulbs for \$1.05. We sell the same two items at our net price of 90c or 15c less on 20 bulbs, (figure the discount yourself). You will also notice that we sell medium sizes (the most popular size) at **one-half** the price of large bulbs, many others charge you two-thirds the price of large sizes for their medium sizes.

---

**PREPAID PRICES:** We prepay all items listed, (exceptions noted), some merchandise must go at specified seasons, other products can be sent at any time, therefore, it may be necessary to send some orders, in more than one shipment. It is not safe to ship glads, and other perishable plant material by parcel post in very cold weather, as there is so much "exposure" before delivery, and there is no insurance coverage for loss by freezing, when shipped by post, so whenever possible delay all such shipments until late March, and if wanted in very cold weather, permit us to make the shipment by express, which has insurance coverage for damage by frost. If this cannot be done, we will ship when we feel that the hazard is at a minimum, although this sometimes delays a shipment a week or so. We will appreciate your cooperation in making all shipments, also wherever possible, allow us at least two weeks time to make shipments, in particular under the "stress" of prevailing conditions. We are pleased to handle your "RUSH" orders and will do our best to give you dependable service.

---

**TERMS:** Cash with order preferred, as it saves us much extra labor, however we will hold your order, when accompanied with a 25 percent deposit, the balance to be paid before shipment of c. o. d. for balance.

---

All quotations in this catalog are for prepayment in the U. S. A. only and do not include foreign nations, or U. S. territory outside of the states. All plants for shipment by mail or express, are "unpotted" unless otherwise indicated, however when called for at our local store, the pot and soil is included with the plant.

---

**WHOLESALE DEPARTMENT:** We have a wholesale price list for all who purchase in wholesale quantities.

---

**CULTURAL INFORMATION:** For the plant products listed in this catalog, are supplied with the orders for plants listed.

---

**OUR REDUCED LIST OF PLANT VARIETIES:** A few years ago we listed from 150 to 200 varieties of Gladioli, these bulbs (corms) are graded into 7 sizes and with the bulblets make 8 separate items to every variety, which we must handle in storage. We have also grown from 100 to 200 varieties of Iris, Dahlias, Peonies etc., in past years. Many thousands of separate items to label, and keep true to name, requires an unusual amount of dependable labor, which is not available at the present time. For reasons stated, we have reduced all varieties to a very low minimum of what we regard as the very best, both in standards as well as newer items and novelties. This not alone helps us, it is a "real asset" to our customers, as they know that they will receive the very "top rating" varieties without "wading thru" a long and cumbersome list of plant names.

---

**UNUSUAL PLANTS.** Beginning with this catalog issue, we plan to add each year the most outstanding and unusual plant material, plant subjects not readily available in the regular florist shop, will be available at our local GARDEN SHOP, as well as available to our many mail order customers thru our catalog offerings.

---

**TO OUR HAMBURG PATRONS:** If you live within a mile or two or at a greater distance, you can order our products by mail as we are fully equipped to pack and ship mail orders, we have shipped many bulb orders to Australia and the Far East, in pre-war days, and no matter how far or how near you live to our place of business, we still can serve you with mail-order shipments for yourself or for your friends.

---





**BULBLETS:** Planted in May and the photograph taken in September 1937. Measuring from the ground to the tips of the leaves of these plants most of them are from three to three and one-half feet long.

The large gladiolus plants, shown above are not the product of bulbs, not even "baby bulbs" they were grown, in about 5 months from bulblets, (cormels) which average some 5000 to 6000 to the quart. No irrigation was used on this field. (We grow "Young Bulbs").

## SENDING ORDERS AND RECEIVING SHIPMENTS

We have not sent any order blanks this season, we find that only a part of them are used, and large quantities of paper wasted, you can write your order on any piece of writing paper, and we will appreciate your cooperation if you will itemize your list indicating quantity, size and price, this will help us handle your order more promptly, keep all writing and instructions in a separate paragraph. It is not necessary to write a letter on a separate sheet, unless your order contains so many items that more paper is required. We enter all orders in triplicate on special forms, we mail you one as an acknowledgment, another duplicate is packed with your order, your original is filed for future reference. When writing about any order please be sure to give our ORDER NUMBER complete.

## SPECIAL MONOGRAPHS

Written by F. C. HORNBERGER

We will send any one or all free with your order, when you request them. If you do not send an order, you may have any one or all by sending us a 3c stamp to cover mailing cost. If we happen to be out of any of these we will send you what we have available and forward the others as soon as we prepare a new supply. Order by number.

- No. 1 PLANT MUTATIONS—MUTANTS OR SPORTS:** I have devoted much time in the past twenty five years to experimental research and the study of mutants or sports. I feel sure from past experiences that there are many interested persons, who have a misconception of what a "sport" really is or how it manifests. This is a monograph of several pages.
- No. 2 DISEASED SOILS AND RESEARCH.** This is a two page letter size article of some 1500 words, it deals with the more common and prevalent disease problems of the average grower, or amateur.
- No. 3 GLADIOLUS THRIP CONTROL AND METHODS OF PREVENTION:** This paper takes up this subject from all angles, and is very complete as I have devoted much research work to this subject. We will include with orders for gladiolus, but you may have extra copies.
- No. 4 GLADIOLUS CULTURE:** Treats on the fundamentals of good culture, for amateur and commercial grower. Due to much higher prices this year many smaller bulbs will be used for flowers. This monograph gives special "tips" for producing better blooms.
- No. 5 SOY FOOD PRODUCTS AND THE SOYBEAN:** You will find this monograph listed under the heading of "HEALTH" BOOK DEPARTMENT.

**These five monographs, will be ready to mail after Feb. 15th.**



## GLADIOLUS DESCRIPTIVE PRICE LIST

**OUR PREPAID LIST:** We offer Large, Medium and Small bulbs; Large, abbrev. L. are 1½ to 2 in. diameter; Medium are ¾ to 1¼ in. and Small bulbs are less than ¾ in., but even small bulbs give nice blooms, but a more slender spike with less florets and later in season. Large are best for extra early and for exhibition bloom, while medium are the most popular for good length stems and dependable florists flowers, although they require 10 days or longer to flower than the large bulbs of the same variety.

We list and price only Large (L) bulbs below. The Medium Bulbs are just one half the price of large bulbs, most other growers charge from 60 to 70 percent the price of Large for their medium sizes. They also charge more for the small sizes. We make the lower prices because our prices are —NET— We do not add 10 to 30 percent to our NET prices and then give you a discount of 10 to 30 percent or more, we prefer NET PRICES. Small bulbs, (when available) are sold at one third (1/3) the price of large bulbs.

**PRICES ARE PER 10 BULBS**, with 5 bulbs at the 10 rate. No single item sold for less than 15c, but you may order one (or more) at one-eighth the 10 price, if the item will total 15c. In other words you can order 15c worth at this rate.

**TO FIND THE 100 RATE:** Multiply the 10 rate by 8; 25 sold at the 100 rate. For example 10 large at 60c multiplied by 8 gives us \$4.80 per 100.

Bulblets abbreviated 'bts. and package Pkg.. All bulblets are 15c per pkg., except the higher priced items, which are priced per item as below.

**AFLAME:** Giant P. G. This variety is more fully described on page 2. Color is Begonia rose red. **10 L. 60c**

**ALADDIN:** Huge ruffled salmon pink with cream throat, many open and the tip buds open nicely. **10 L. 60c.**

**AMERICAN COMMANDER:** A tall deep med. red. An outstanding com. **10 L. \$1.20.**

**BEACON:** A salmon-scarlet, with cream throat. Tall and fine. **10 L. 60c.**

**BADGER BEAUTY:** Lavender with creamy throat, good com. var. **10 L. \$2.00.**

**BETTY NUTHALL:** Tall, late salmon pink, many open, extra com. **10 L. 60c.**

**BIT O'HEAVEN:** Late com. orange, med. florets but many open. **10 L. 60c.**

**BLUE ADMIRAL:** A very fine dark "blue" very popular. **10 L. 60c.**

**BLUE BEAUTY:** Considered the best blue. Tall, large florets, many open. **10 L. 80c.**

**CHARMAINE:** Soft rose, fine color and a good grower. **10 L. 80c; Pkg. Bts. 25c.**

**COLONIAL MAID:** Tall light lavender pink, a very good com. **10 L. 60c.**

**CORONA:** A large flowered creamy flesh and pink, the petals are "edged" with rose. Extra. **10 L. \$2.00; Bulblets are pkg. 25c.**

**DREAM O'BEAUTY:** A fine majenta or Am. Beauty shade. Large florets. **10 L. 60c.**

**DR. DENTZ:** Fine light rose pink, an extra good color, many open. **10 L. 80c; Bulblets, pkg. 25c.**

**ELIZABETH THE QUEEN:** A new ruffled lavender of exceptional beauty, a much sought after glad. **10 L. \$5.00; Bulblets 10 for 50c.**

**EXHIBITION MIXTURE:** A choice assortment of many different colors, for people who want fine large flowers of many varieties, with no separate labeling required. **10 L. 60c.**

**FLORA FARMER:** Large flowered bright pink, a new variety of value. **10 L. 80c.**

**E. CAVE COLE:** Early, large light pink, fine color, many open. **10 L. \$1.00; Bts. Pkg. 25c.**

**GOLDEN CHIMES:** Ruffled, golden yellow, a very choice variety. **10 L. 80c; Bts. 25c**

**IRAK:** Extra tall, large lavender grey sport of Bagdad, many open. **10 L. 65c.**

**ISOLA BELLA:** Ruffled, large flowered, and cattleya pink-lilac color. **10 L. 60c.**

**INTERMEZZO:** Extra choice new deep cream color, many open. **10 L. \$2.40; Bts. pkg. 50c.**

**JASMINE:** Ruffled, cream yellow, many open. **10 L. \$1.20; bts. pkg. 50c.**

**JEANEL:** A sport of Picardy, our introduction color, a combination of cream, buff pink and yellow. We call it "peach color" just like Picardy except coloring. **10 L. \$2.00; Bts. 50c.**

**JOSEPH HAYDN:** A "blue" of vivid contrasts heliotrope with vivid blotch. **10 L. \$1.00.**

**J. S. BACH:** Large salmon red, many open, exhib. type. 8 to 10 open at one time. **10 L. 70c.**

**KING LEAR:** Early, tall, extra large, deep purple, ruffled florets. **10 L. 60c.**

**KING MIDAS:** Deep yellow, many open, an extra choice yellow. **10 L. \$1.20; Bts. pkg. 50c.**

**MAID OF ORLEANS:** Early, the leading com. white gladiolus. **10 L. 60c.**



**MARSEILLAISE:** Large deep bright red, with many open, extra fine. 10 L. ....; Bts. ....

**MASTER MYRON:** Tall, large, bright red, many open, slender spike. 10 L. \$....; Bts. ....c.

**MARGARET BEATON:** Tall, large white with a cherry red blotch. 10 L. 80c.

**MARGARET FULTON:** Early, light rose, fine commercial pink. 10 L. 60c.

**M. CREAM FULTON:** A deep cream colored sport of M. Fulton, difference only in coloring, same earliness. 10 \$1.00; Bts. 50c.

**MINUET:** Large fine lavender, the standard com. lavender, many open. 10 L. 60c.

**MISS ALAMEDA:** Tall, light salmon pink, many open, an extra choice glad. 10 L. 60c.

**MISS NEW ZEALAND:** Extra large, apricot salmon, suffused rose. 10 L. 80c.

**MISTY DAWN:** Tall, large flow'rd. smokey of unusual coloring. 10 L. \$2.40; Bts. 50c.

**MOROCCO:** Dark mahogany red, one of the darkest in color. 10 L. 60c.

**MOTHER MACHREE:** Large pop. smokey, smokey lavender and tan. 10 L. 80c.

**MRS. CAROLINE W. GANNETT:** Sensational, giant flowered in the smokey class, coloring is a blending of lavender pink, mahogany and gold, with a very large cherry red throat blotch, placement extra good, 6 to 8 open florets from 6 to 7 inch diam., a regal glad, and a show winner. Large bulbs only, none smaller, no bts., \$2.00 each.

**MRS. F. C. HORNBERGER:** A late white, fully described on page 2 and 3 of this catalogue, reproduction of photograph on the outside front cover. 10 L. 80c.

**PEGGY LOU:** Tall, large flowered shrimp pink growth similar to Picardy. 10 L. 70c.

**PICARDY:** Outstanding com. and exhib. variety Nat. prize winner. Large sal. pink. 10 L. 60c.

**POLAR ICE:** Early, large pure white, a popular white variety. 10 L. 60c.

**PURPLE BEAUTY:** Large round flower, clear deep purple, many open. 10 L. \$1.20; Bts. pkg. 25c.

**RECADO:** A tall exhibition smokey, many open very popular, rich color. 10 L. 60c.

**RED LORY:** Tall, large flowered, rich magenta red, many large florets open. 10 L. 70c.

**RED PHIPPS:** Glowing scarlet, with many open and most of buds in color. 10 L. 60c.

**REWI FALLU:** Australian variety, very popular, extra large blood red. 10 L. 60c.

**ROSA VAN LIMA:** Early commercial and show variety, tall light rose. 10 L. 60c.

**ROSY MORN:** Light coral rose, pink, a very charming color, many open. 10 L. \$1.20; Bulblets 50c pkg.

**SENSATION:** Tall, ruffled salmon rose, with many open. 10 L. \$1.20; Bts. 50c pkg.

**STANDARD MIXTURE:** Contains many good var. we list in a good assort. 10 L. 60c.

**WHITE ORCHID:** Early, orchid flowered creamy white. 10 L. 60c.

**WHITE GOLD:** Extra choice, extra large florets, on a long stem, many open, the color is cream with a cream yellow blotch in throat. Outstanding. 10 L. \$4.80; Bulblets 10 for 50c.

**WURTEMBERGIA:** Tall bright red, with large cream blotch, many open. 10 L. 60c.

**VAGABOND PRINCE:** Mahogany brown, with a flame blotch, many open, a very popular glad. and a prize winner. 10 L. 60c.

**ZAUBERFLOTE:** Tall, peach rose, with a contrasting blotch. 10 L. 60c.

**ZUNI:** One of the finest of all the smokey group, an exceptional glad. tall, large flowered, silvery rose, many open. 10 L. 80c.

#### NEW INTRODUCTIONS 1944.

**SPRINGTIME.** (Hornberger) a new sport of Picardy we describe this as an "apple blossom pink," very fine. We only have a few large bulbs, and offer at \$10.00 each. No bulblets for sale.

## RUBAIYAT

(By Robert C. Haring)

This is one of our new 1944 introductions (A Red Picardy) Morocco X Picardy. We quote here the originators complete description. "RUBAIYAT resembles its pollen parent Picardy, in height, manner of growth, and propagation. It will not average quite as big but the floret shape, and manner of opening are those of Picardy. The color is a dark but showy and brilliant red. The main floret color is R. 1. on the Fischer NEGS Color Chart, shading to R. 3. in the center with the edge darker, and a silver pencil line on the mid rib . . . A glowing brilliant color. RUBAIYAT is an ideal commercial variety, it keeps well and opens well. blooms in 75 (75) days, from June 1 plantings, making it by far the earliest large dark red. Average height about 48 to 54 inches, flowerhead 20 to 24 inches, floret size 5 to 5½ inches, number open in the field 5 to 6, maximum open indoors 8." R. C. H.

A fast propagator from bulblets, we offer only large bulbs for this season. \$5.00 each, NO DISCOUNTS. No bulblets offered.





## ORCHIDS OF THE MORE EASY TO GROW GROUPS

**ORCHID GROWING:** There are many false conceptions about this family of plants, and this is true even among many retail florists, whose knowledge of these plants is largely confined to varieties used in the production of cut flowers. Many orchids are as easy to grow as Iris or glads, and even the latter have their "difficult types" and this is true of nearly all families of plants. Many orchid blooms last a month under favorable conditions. All prices are prepaid. Complete cultural information with orders.

**CYMBIDIUM ORCHIDS:** Are now becoming increasingly popular due to their ease of culture, great beauty, and lasting quality when cut. In California they are often grown outside like Beaded Iris. The lower prices quoted are for divisions with one large bulb, and one or more new growth attached, this should flower within a year or two. The higher prices are for plants that are considered to be flowering sizes. All prepaid. Delivery anytime. April to January. (The flowers of some Cymbidium Orchids are known to last two months, and are ideal for corsage work).

**BUTTERFLY:** Creamy ground with chocolate or maroon, veinings and purple lip, variable color. **\$6.00 and \$9.00**

**ENCHANTRESS:** Yellowish-green to jade, bright red lip. Very popular **\$7.00 and \$10.00 each.**

**INSIGNE:** White flushed pink, purple lip, stem tall and erect. **\$6.00 and \$8.00**

**LOWIANUM:** Olive green with red lip. Very long-lasting flowers and one of the most reliable bloomers. **\$6.00 and \$9.00 each.**

**CYPEROCHIS Mastersii, (Cymbidium Masterii):** An Orchid related to the Cymbidium. Free blooming but small growing plants, sprays of creamy flowers on 10 inch spike. **\$3.50 each.**

**CALANTHE:** An easy to grow Orchid for the amateur. Delivered March to June dormant bulbs.

**BARON SCHROEDER:** Pure white with brilliant red eye. A tall and profuse bloomer. Each **\$3.00.**

**KENNETH:** Creamy white with red eye. **\$2.50 each.**

**EPIDENDRUM:** An easy to grow, race of Orchids, well suited for outdoor growing in California and the far south. Rooted cuttings at half prices of plants listed. Delivery anytime April to January.

**BEN BRAISE:** Large bright orange scarlet flowers. **\$3.50 each.**

**HUGH EVENS:** Large scarlet flowers on tall stems. **\$2.50 each.**

**MRS. W. J. BOYLE, Jr.:** Medium sized flowers of purplish lavender, free bloomer and lively coloring. **\$2.00 each.**

**O'BRIANIANUM:** Bright red flowers on a long stem, may be trained as a climber, or kept cut in bush form. **\$1.50 each.**

**ORPETIANUM (Epi-Cattlaya):** Similar to above, but larger florets of a rosy purple color. **\$3.50 each.**

**PHAIUS Grandiflorus:** A terrestrial Orchid of easy culture. Will flower in the open in California and Florida. Fine pot plant. **\$4.00 and \$7.00.** Spring delivery, coloring is a combination of white, brown and red.

**"HOODED NUN" ORCHID (Phajus grandifolius):** The sacred orchid of China, pure white flower formation, with maroon-lined sepals. One flower spike can have as many as 24 blooms on it, and the flowers last a month. **\$9.00 each.**

**HARDY ORCHIDS:** For outdoor planting in the north and east. Delivery early spring and fall.

**CYPRIPEDIUM spectabile:** Perhaps the best in this group, 3 to 5 crowns **\$1.00 each.** 1 to 2 crowns **50c each.** (Showy Ladyslipper).

**ORCHIS spectabilis:** Showy Orchis. 6 inch, white and lavender-pink flowers, (fragrant). Grows in rich shady woods. **75c each.**

**AMERICAN ORCHID CULTURE:** (Prof. Edward A. White). See listing under Garden Laboratory and Library elsewhere in this catalog.



## The GARDEN LABORATORY AND LIBRARY

**A D C O:** Turn Garden "Rubbish" into rich "ORGANIC" fertilizer, by a simple composting method, and mixing with "Adco" a patented process we offer in 7½ lb., 25 lb. and 150 lb. sizes, ask for descriptive folder and price list, we quote at very low prices.

**ORGANIC GARDENING:** (A Health magazine for plants). For more complete details refer to . . . "HEALTH" BOOK DEPARTMENT, where we describe this "process of nature" in more detail. A monthly publication. We will accept your subscription \$3.00 per year, single copy 25c.

**BIO-DYNAMIC FARMING AND GARDENING:** By the noted Swiss authority, Dr. E. Pfeiffer, Director of the Bio-Chemical Research Laboratory, Dornach, Switzerland. This book, the result of long EXPERIMENTAL AND SCIENTIFIC RESEARCH, gives you the fundamentals of Nature's processes in the development of plant life. Paper covers. 240 pages, 18 illustrations, Prepaid, \$2.10.

**GROW A GARDEN AND BE SELF-SUFFICIENT:** By Dr. E. Pfeiffer, author of Bio-Dynamic Farming, and Erika Riese. Illustrated with five drawings, and a garden plan. Paper binding. This is Bio-Dynamic gardening for the amateur gardener. \$1.30.

**LYSOL.** Disinfectant. We are wholesalers for commercial bulb growers, if you are located within a few hundred miles of Hamburg, N. Y. and purchase Lysol by the gallon, ask for our prices fob. Hamburg, N. Y.

**NEW GARDEN ENCYCLOPEDIA.** I consider this a "must have" for the gardener. I use a copy constantly for many references, and I have some of the best reference works published, including the massive, 3 vol. set of the . . . Standard Cyclopaedia of Horticulture (By L. H. Bailey). You will find this 1943 "Victory Garden" edition, of the New Garden Encyclopedia, just what you need and it is printed in non-technical terms, easy to understand and gives the common names by which most of us know the plants. This is a "Gift De Luxe" for your gardening friends, 1,300 pages, 750 pictures, 10,000 articles. \$3.50 prepaid.

**AMERICAN ORCHID CULTURE:** This book is a masterpiece on Orchid Culture. The author, the late Prof. Edward A. White, who had perhaps the largest private Orchid collection in America. A "Gift book De Luxe" for your orchid loving friends, 278 pages, 15 outstanding color plates, 136 black and white illustrations. Prepaid, \$5.00

**PRINCIPLES OF FLOWER ARRANGEMENT:** By the author of American Orchid Culture listed above, 202 pages, 67 illustrations, 4 color plates, showing arrangement made, by some of the best "Flower Artists" in America. Prepaid, \$3.00.

**HYPONEX.** Plant Food. A well balanced, clean odorless plant food, for house and garden plants, 3 oz. can makes 18 gallons of liquid plant food. 40c.

**PROLIFEROL.** A new and different scientific growth stimulant, for treating seeds and cuttings, bulbs and tubers, offered in two types, RED LEAF for seeds and cuttings, and GREEN LEAF for bulbs and tubers, with the latter you make a solution by mixing with water and soaking, to develop more root growth. Ask for descriptive folder with price lists.

**ADDITIONAL SUPPLIES,** including the well known "ROOTONE" for treating cuttings for root growth, also for seeds and bulbs, a \$1.00 jar will treat up to 3000 cuttings, 20 lbs. of seed or 800 bulbs.

**ZOTOX.** A scientific preparation for killing "Crab Grass" in your lawns without harming the lawn grass. Ask for descriptive booklet and price list.

**CACTI FOR THE AMATEUR.** (Haselton). 134 pages, 150 illustrations, and 110 Cacti in their natural colors. You can identify your plants with this book. Paper \$1.00. Cloth \$1.50.

**SUCCULENTS FOR THE AMATEUR.** A book for the beginner. 800 succulents plants, illustrating 400 over 100 in their natural coloring, you can identify your plants with this book. Paper \$1.50. Cloth \$2.00 Prepaid.

**DAYLILIES,** by A. B. Stout. This is the first book to be published on Hemerocallis and is written by the American Authority on the subject. A complete check list of all species and varieties; a section on the historical development, and careful descriptions and directions for growing. Dr. Stout has charge of the largest collection of daylilies in America and writes with wide knowledge. Illustrated in color and halftone; 119 pages; 6½ by 9½ inches. \$3.50.

**ANNUALS FOR YOUR GARDEN,** by Daniel J. Foley. The ideal handbook! Contains full cultural directions for 90 annual flowers, gives the latest information about varieties. 32 full-color plates; 97 pages; 5½ x 7½ inches. Only \$1.00.

**AN ARTIST'S HERBAL,** by Louise Mansfield. Miss Mansfield approaches herb gardening from a completely new angle by showing you the beauty of form and texture in herbs, as well as their practical uses. 38 drawings accompanied by brief descriptions; 76 pages; 8 x 10½ inches. Formerly \$2.50. Now \$1.00.



## OUR MAIL ORDER GIFT DEPARTMENT

Our local store, (Garden Shop) has a gift department for local trade, many of these items are available for mail order sales, we offer only such items as we can ship safely. . . . items such as Fragile Pottery etc., are for local store sales only. Cacti, succulents, orchids, bulbs, plants, books and other offerings in this catalog, make ideal gifts for friends, and we will mail direct to your friends, in plain packing, at prices listed, if you want extra "Gift wrapping" and your card or letter attached to the Pkg., we can supply this service, ask for descriptive bulletin. (Gift Bulletin).

**FOR LOCAL PATRONS:** The photographic reproduction of Pottery shown above, is "ROSEVILLE" Water Lily Pattern. We handle this at our local store, (Garden Shop). We also handle all leading brands of pottery and gift ware, including American, English and Chinese productions; Local patrons ask for our "Special Sales Plan" Bulletin . . . and save money on your purchases of fine pottery and gift products.

## PLANT SPECIALS

**HEMEROCALLIS.** (Daylilies) We handle only the best selections of these plants, the finest grown anywhere. Daylilies are hardy, fool-proof perennials, that will grow in the full sun or half shade, wet or dry, acid or lime soil, and what we list are of proven hardiness from Canada to Mexico.

**TWELVE OF THE FINEST OF THE "RUSSELL DAYLILIES"** will be available for inspection in our local garden, in 1944, these have never been listed to date, they represent the "cream" of the world's leading Daylily Hybridist, 12 plants, 3 different plants in each group, the "Red Group," the "Bi-color" Group, the "Rose Group" and the "Purple Group." We will also have a special selection of the very best of the standards, representing a wide color range. OUR DAYLILY List will be available in the spring and will include our spring offerings, of Dahlias, Iris, Peonies and other plant specials.

**HOUSE PLANTS.** . . . Include Cacti, Epiphyllums, Orchids, Succulents and many other offerings in this catalog. (Cultural information with orders)

**"A GIFT DE LUXE . . . THE SMALLEST ROSE IN THE WORLD;** is the GENUINE Rose Rouletti; The true type is seldom offered, as most offerings, of this plant, will grow from 6 to 12 inches high, while the plants we offer, even when several years old, are but 3 to 4 inches high, it makes a choice "rockery" plant, and an unusual "gift" plant. The flowers are pink, fragrant, and the size of a dime, open from dainty buds, no larger than a grain of wheat, and are borne continuously. (Delivery early spring) Price \$1.00 each, if wanted in a special Gift Box, ask for our Gift Bulletin.

**CHRISTMAS ROSE:** *Helleborus niger*. A perennial herb of the Buttercup family; Like many other plant species, some of the varieties are extra fine and some varieties quite ordinary. Some flower early in the fall before heavy snows and can be more fully appreciated than late flowering varieties. The variety we offer begins to bloom in November and will continue up to Feb. The florets are from 3 to 4 inches and of long lasting quality, the coloring is an attractive cream to yellow with olive shading, an unusual beauty. Strong divisions. \$1.00 each, 5 for \$3.50, 25 or more at 60c each.

**RHODEA.** Sacred Lily of China. Highly ornamental foliage, an ideal house plant requiring same culture as average house plants. The leaves are three inches wide and twelve to eighteen inches long, the white flowers are followed by clusters of large, bright red berries, which are held for a few months. We offer the following by number. No. 2, leaves narrowly edged cream \$2.00 each. No. 3, leaves heavily variegated yellow. \$2.00 each. No. 4, leaves widely edged white, tall, \$2.50 each. No. 5, (Multifolia) leaves green with the midrib prominently crested and variegated, \$3.00 each, prepaid.



## CALADIUMS

**FANCY LEAVED CALADIUMS** are the Aristocrats of foliage plants. Caladiums are tuberous plants, that are very useful for indoor or outdoor culture. They should be started in pots indoors and planted out after the weather becomes warm, plant in a shady location. We list plants having the most brilliantly colored foliage, you will be more satisfied with the best varieties, and we confine our selection to the best grown. They make an ideal pot plant, and you can regulate their rest time, so that you have fine plants when needed most, we supply full cultural information with orders. All varieties 50c each. Fine mixture at \$3.60 per doz. Delivery Jan. to May 1. Dormant bulbs, prepaid.

**CANDIDUM.** Snow-white with green veins, and network. Narrow green border. Fine Easter variety.

**HORTILANIA.** Center of leaf shining crimson, with slight bluish tint. Narrow green border, strong grower.

**ITACAPUS.** Entire leaf dark red, of a rust shade; narrow border with red dottings. One of the most beautiful Caladiums.

**JOHN PEED.** Bold plant with many leaves; Center transparent cherry red, light green margin.

**LORD DERBY.** Delicate transparent rose, with dark green ribs and narrow green edge. Abundant foliage.

**MACAHYBA.** Dark moss green profusely spotted and mottled with transparent lilac blotches. Heavy scarlet ribs.

**MRS. EDITH E. MEAD.** Leaf Snow-white (not transparent) with red ribs, (no veins) and narrow green edge. Very showy.

**MRS. W. B. HALDEMAN.** Glowing-bright pink with narrow green edge.

**POECILE ANGLAIS.** Dwarf, many leaved type, with wavy leaves of deep crimson, having a bluish overcast and bordered metallic green. One of the best.

**MRS. SANDERS.** Dark green, heavily blotched. Transparent deep rose.

**SANSEVIERIA, Para.** (The Flowering Sansevieria). An excellent house plant that may be grown in a pot or hanging basket. The flowers are freely produced and are very fragrant; The foliage is bright green marbled darker, about 10 inches high. Flowers up to 18 inches high, white tinged pink; They are tolerant of drought and sunlight, but prefer moderate moisture and some protection from intense sunlight. Delivery March to December. 75c each.

**SPREKELIA.** Aztec Lily. F. Superba. A large flower of dazzling vermilion scarlet color. An Amaryllis with the shape of an Orchid. Easily grown in pots. Delivery March to December. 50c each.

**RARE AND OUT OF THE ORDINARY HOUSE PLANTS:** Not listed in this catalog will be available by April 1st. These will be Collector items for PLANT CONNOISSEURS. Many of these plants will be listed at from \$2.00 to \$10.00 each, and worth much more. If interested ask for our Special List of Rare Plants.

**DAHLIAS, HARDY PHLOX, IRIS, PEONIES, ORIENTAL POPPIES AND OTHER PLANT SPECIALS** will be listed and offered in the spring with our offerings of new and standard DAYLILIES. If you wish to receive our catalogs as issued be sure to send us your name and address.



The 8 CACTI AND SUCCULENTS, shown here are in 2¾ inch pots, we prepay, an assortment of eight plants, (unpotted) for \$1.00. We can give you 10 or 12 plants for \$1.00, but many will be smaller plants. This offer is for our selection (only).

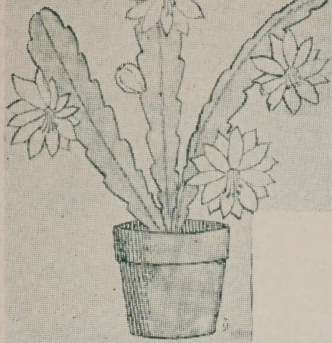
## CACTI, EPIPHYLLUMS AND SUCCULENTS

Quoting from THE CACTUS BOOK by Houghton . . . "When you speak of one plant you say "Cactus"—when of more than one, you say "Cacti" . . . The Cacti contain more and greater beauties, of adaptation than the Orchid, larger flowers than the Iris, and more beautiful colorings than the Rose" . . . . "Flowers in the EPIPHYLLUMS, are a foot across, and of colors and shades not found in any other one family of plants."

We have a selected collection of the best of the large flowered Epiphyllums, in our Garden Shop, these flower over a period of three months starting in April, and some plants may flower alternately late in the season, but this is more uncommon. The Nomenclature of these plants is still somewhat indefinite, and some of the leading commercials, may be listed under two or three different names for the same variety, we have our varieties, all labeled, but we offer by color only, for this season. Epiphyllums produce very large plants, when at full exhibition size, and even rooted cuttings are large plants compared to other cacti. All R. C. are taken from flowering stems, and for this reason, you will often have buds develop on your rooted cuttings, however it is best to disbud these the first season. In addition to the giant or large flowered epiphyllums, we have the "Basket Type" which are very free flowering plants, (well developed specimens) have been known to contain hundreds of flowers, when in full bloom. These small flowered epiphyllums, have florets, that will approximate 3 to 4 inches and have the same rich colorings as the larger types, these small florets make ideal corsages. We offer here, some of the most popular colors, bright red, red shading to violet, pure pink and white, we will not offer the more variegated colors this season, as due to the large size of plants, and extra labor in handling, the production will be lowered to quite an extent. Prepaid prices: well rooted cuttings 50c each, five for \$2.00. Large plants full flowering size \$4.00 each. Shipment March to October. Plants available at our Garden Shop at any time. The "Basket Type" available this season will be in two colors (only) bright red and pure pink. Cultural information with orders.



## THE CACTUS BOOK



by A. D. Houghton. Just select the right kinds and you can grow cacti in any climate and under any conditions, with flowers up to a foot across and sometimes 200 blooms on a single plant. This book tells you which cacti to buy and how to grow them outdoors or indoors; how to raise from seed, hybridize, make cuttings and grafts, and everything else connected with cacti growing. 18 illustrations; 147 pages; 5x7 $\frac{3}{4}$  inches. \$2.25.

**EPIPHYLLUMS.** The picture of the epiphyllum to the left, indicates one of the smaller size plants, perhaps one year from the R. C. The large plants, of exhibition size, develop many flowering stems and require a 9-inch pot or larger, the pot and soil are sold with the plants when purchased at our Garden Shop, but all shipped plants are sent "bare roots" as this is the best method of shipping all cacti plants. They have ample moisture stored in their stems, and we have received shipments covering a distance of thousands of miles, when the plants were in full bud and bloom, and we had them continue the bloom uninterrupted, after such a long journey with the roots dry and minus soil.

## POPULAR AND WELL KNOWN CACTI AND SUCCULENTS

The plants we offer are regular standard sizes, for 2 $\frac{1}{2}$  to 3 in. pots for most items, with but few exceptions, size of plants determine prices, and where we list two prices to one item, the higher price is for a much larger plant—All prepaid.

**ASTROPHYTUM.** m. "Bishops Cap" 20c.  
Special size, 50c.

**ASTROPHYTUM.** ornatum. var. mirabile. Something really extra choice, with striking white dots on greenish grey body. 1 in. seedlings, 25c.

**CEPHALOCEREUS.** senilis. "Old Man Cactus," 1 inch, 20c; 2 in., 50c each.

**CEREUS.** "Peruvian Apple" 15c.

**MAMMILLARI.** prolifera. Miniature, wooly plant, looks like a little mound of grayish wool. 1 $\frac{1}{2}$  in. clumps, 25c.

**NYCTOCEREUS.** s. "Snake Cactus" 20c.

**OPUNTIA.** b. "Brazilian Opuntia." Branched plants. 15c each.

**OPUNTIA.** cylindrica. "Emerald Idol." Very popular. 15c.

**OPUNTIA.** mammilata. "Boxing Glove." A best seller. 15c each.

**OPUNTIA.** mocradasys. "Bunny Ears." Dwarf size, 2-3, eared. 15c.

**OPUNTIA.** monacantha. "Eared Opuntia Fruit." Popular. 15c.

**OPUNTIA.** ramossissima. "Deer Horn Cactus." For dish bowls. 15c.

**OPUNTIA.** vilis. "Dwarf Tree Cactus." Branched trees. 15c.

**OREOCEREUS.** trollii. Columnar plant covered with long white silvery hair. Plants. 1 $\frac{1}{2}$  inch. 25c each.

### SUCCULENTS

**ALOE.** ausana. similar to Tiger Aloe, spotted white. 20c.

**ALOE.** globosa-brevifolia. Dwarfed a beauty, plants 20c each.

**ALOE.** variegata. "Tiger Aloe." 25c.

**BYOPHULLUM.** Houghtonii. "Cocanut Palms." Tall palm like. 15c and 25c each.

**COTYLEDON.** undulatum. "Silver Crown." A very rare plant, white powdered, wavy margined leaves. 25c.

**COTYLEDON.** Walkeri. Red margined leaves, fine plants. 25c.

**CRASSULA.** arborescens. "Jade Plant" Glossy green leaves. 15c.

**C.** delteidea. "Silver Beads" A beauty. 15c.

**C.** lycopodioides. "Princess Pine." 15c.

**ECHEVIRIA.** derenbergii. One of the best. 15c.

**E.** ologans. Snowy blue white. 15c.

**E.** gilva. Green rosettes, red tipped. 15c.

**FAUCARIA.** superba. "Superb Tiger Jaws" spotted leaves. 15c.

**KALANCHOE.** Houghtonii. "Cocanut Palms." 15c.

**KALANCHOE.** New Red Flowered, Hybrid, big heads of bright red flowers, coppery leaves. 25c each.

**K.** tomentosa. "Panda Plant" Plush like leaves, tipped rich rust brown. 15c.

**K.** tubiflora. "Air Plant" Tall palm-like. 15c.

**PACNYPTUM.** compactum. "Tower of Jewels." 15c

**PLEIOSPILOS.** nelli. "Living Rock" The best of the Living rocks. 15c each.

**ROCHEA.** falcata. "Scarlet Paint Brush" Blue-grey leaves, with 6-9 inch heads of scarlet flowers that last several weeks. 15c.

**SEDUM.** Adolphi. "Christmas Gold." 15c.

**S.** multiceps. "Dwarf Pines." 15c.

**S.** morganiaum. "Burros Tail." A rare Mexican plant. 35c each.

**S.** trelaosii. "Christmas Silver." 15c.

**STAPELIA.** Variegata. "Starfish Flower." 15c.

**CRYPANTHUS.** rubra. Are ideal house plants require shady, moist, warm conditions, highly colored leaves. 25c each.

**BOOKS.** Cacti, Etc. See Garden Library.



## "HEALTH" BOOK DEPARTMENT

**BOOK DEPARTMENT:** We handle a wide range of subjects, including all phases of gardening, home making, health science, and a long list of "special" subjects, this section is devoted to the science of health, you will find other books listed elsewhere in this catalog, we also have many book lists of publications, not listed here, they are free for the asking. Any person who reads the "Grape Cure" must be impressed with the importance of scientific food selection, we need not become "Food faddists" in order to understand the Science of Food.

### Health Research

Re-Quoting from the "Grape Cure" . . . . "Dr. Frederick Dugdale," president of the American Association for Medico-Physical Research, has stated that . . . . "nineteen children in every one hundred, who reach the age of ten years, show evidence of cancer" . . . . Sir Arbuthnot Lane, M. D., Physician to the Royal family of England has said, quote . . . "there is but one cause of disease and that is poison."

When we examine all the scientific records with care we are likely to be convinced, that the predominating causes of much physical ill health are, poison, deficiency and irritation, a poisoned blood stream, an inadequate supply of organic substances, and irritations caused by an excess of the inorganic within the body structure.

In the past 43 years I have devoted much time and research to "Health" from a much deeper conception or connotation, than generally understood. Scientific facts seem to prove conclusively many of the motivating causes of physical illness, but the ills of mankind are much more, than physical alone, as man is much more than a physical Being. When we omit or discount, some one or more of the many factors, which enter into the sum total, of our well being, we will have a very unstable foundation, on which to build our health structure. The facts remain that much of the illness of mankind are super physical, and a TRUE SCIENCE of life, must take all involved factors into consideration.

With all this in mind I have selected two books, that I offer below, at NET cost to me, I do not want to make a penny profit for handling them, and I must devote my individual time, to the packing, mailing, and pay the cost of wrapping material out of my own pocket, but I do believe that any person who reads these two books will have an entirely changed idea, concerning "health" matters. The first book, is the **FOUR PLANES OF HEALING** by Dr. M. Doreal, this book, will give you, not alone the super physical causes of illness but physical causes as well, and the second book is the **GRAPE CURE**. When you read this book, and discover, what just one "natural food" as prepared by Mother Nature, can do for man, your conceptions concerning foods will be radically changed, because this book, gives vital scientific facts which cannot be disregarded and I offer these books with a money back guarantee, if not satisfied, return them within 10 days in good condition, and your money will be refunded.

### WHY PLANTS "RUN OUT" . . . . From ORGANIC GARDENING

(A Health magazine for plants) Quoting the October 1943 issue . . . "varieties of plants 'run out' with chemical fertilizers, but do not 'run out' with compost."

In regard to "Compost" mentioned above this means ORGANIC fertilizer, or plant food, "made by a process of nature" while it is the function of plant life to prepare food for man from inorganic substances, this consists of a "process of nature" and when this "process" is destroyed or emasculated by man, by the use of, abnormal chemical compounds, the natural "resistance" of the plant is lowered, it then becomes an easy prey for disease and insect pests, and its qualities of nutrition are greatly altered.

This friendly microscopic flora, is the real "life line" for the plant, when this is broken or greatly weakened, the plant loses much of what we call "resistance." It is the same in the intestinal tract of man, the place of assimilation, here also, should be maintained a "friendly bacterial flora" to help guard and maintain health, against unfriendly and poisonous bacteria. A chemical examination of a drop of blood of a seemingly healthy person, may show an alarming number of disease germs, they do not develop, while "resistance" is high enough, to produce immunity, perhaps it is fortunate we see so little of the Life processes.

F. C. HORNBERGER.

**"LET'S LIVE"** Health Magazine, published by Mr. Clark Irvine, Hollywood, Calif. (a Health publication) issued monthly, gives the latest scientific advances in the Health field. Many scientific and medical men contribute; a "must have" publication, we will accept your subscription. \$1.00 per year in advance, a sample copy of a back number, 5c.

**THE FOUR PLANES OF HEALING.** (By Dr. M. Doreal). This is the most remarkable and outstanding book, on this subject that I have ever read, in some 43 years of scientific and religious research. To me it represents the ultimate of SCIENTIFIC FACTS AND SPIRITUAL SCIENCE. I offer this book at its net cost to me with a money back guarantee if not fully satisfied. \$3.00, extra post. 3c.

**THE GRAPE CURE:** (By Johanna Brandt, N.D.Ph.N., A.M.) This book contains so many proven scientific facts, in proof of what only one "natural food" can do for the human body, that it should inspire, any skeptic, to at least investigate an elementary study of Food Science. Sold at NET\*~~COST~~\* to me, with a money back guarantee if not satisfied. Price \$1.50, extra post. 3c.



## "HEALTH" BOOKS (Continued)

**MEDICINAL VALUE OF NATURAL FOODS:** (By Dr. W. J. Graves.) Only 50c prepaid, paper covers, 58 pages, considers all kinds of foods that most of us use daily—meats, vegetables, fruits etc.

**"HEALTH"** With Remedies and Recipes. By Clark Irvine, well known publisher of a Health Magazine, Hollywood, Calif. This author is opposed to the use of meat as food, for scientific reasons, paper covers, 72 pages, prepaid. 50c.

**SOY BEAN RECIPES.** By Mildred Lager. 150 Ways to use SOY BEANS, as Meat, Milk, Cheese and Bread. The Food value, History, and Recipes. Paper covers, 44 pages Price 50c.

**No. 5. SOY FOOD PRODUCTS AND THE SOYBEAN.** In the press and on the screen, the soybean has been depicted, as the "Secret weapon" of the Axis nations. The soybean has been the backbone of China's nutrition for many centuries, it is the basic food of teeming millions of orientals. We sell SOY FOOD PRODUCTS by mail order, these products take the same express rates as bulbs and seeds, or second class express rates. This monograph will show the great FOOD VALUE of this plant. We also have price lists of SOY PRODUCTS, and will mail these when requested.

**SOYBEANS—Gold From The Soil;** (By Edward Jerome Dies). A history of the growth, development and uses of the soybean, a "must have" if you are interested in this subject, even to a limited degree. 122 pages, brown cloth binding. Prepaid. \$1.75.

**SERVICE BULLETIN.** (printed) One we issued last season, contains the story of the scientific experiment in England, using young rats, the usual method in such scientific tests, this was reported by The LANCET, England's foremost medical Journal, it proves how inadequate are the synthetic or artificial vitamins, when compared scientifically, with the same results, obtained from NATURAL vitamins, as Mother Nature, produces them in her faultless laboratory. Free copies are available.

**SPECIAL BOOK RATE**—postage is .03 per lb. or fraction, when we mail books we put an extra "blank" label on the pkg., so if you decide to return any books, you can use the wrapper with the blank label, already attached.



## PLANT RESEARCH

The Cloth House shown to the left is one of many, such structures, that we have used in past years, for our experimental, plant research work. We have been engaged in this work for some 25 to 30 years, and have accumulated a large amount of data which we hope to put in book form in the near future.

The photographic reproduction to the left shows F. C. H. with some giant flowers of the blood red bloom of Rewi Fallu. The gladiolus plot shows many varieties under special test, many are mutants or sports, some of these may show only slight changes from the original, others will show marked changes, not alone in coloring, but radical changes in form or size. For more details refer to our free monographs, listed elsewhere in this catalog.

**AFFILIATIONS:** Life member N. E. G. S., member E. S. G. S., etc., member Cactus & Succulent Society, Mass. Hort. Society, N. Y. State Fruit Testing Asso., Erie Co. Farm Bureau, etc.



From

# HORNBERGER'S GARDEN SERVICE

Clark St., Hamburg, New York

Return Postage Guaranteed

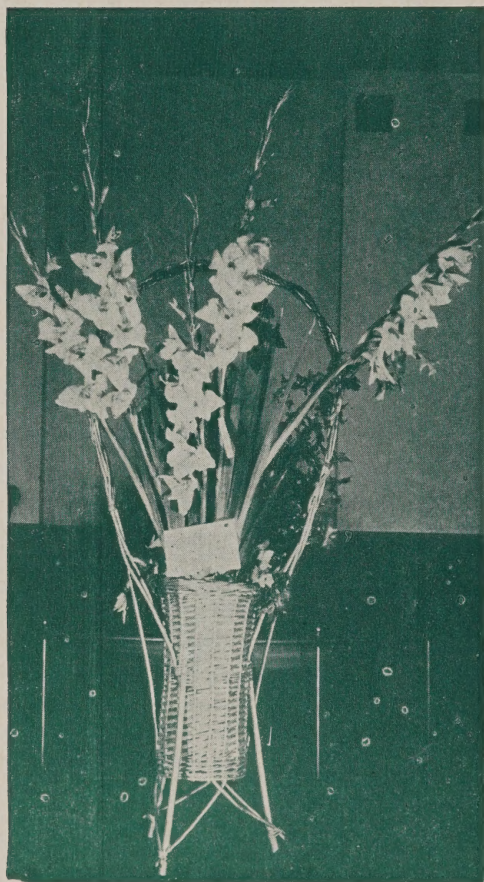
Sec. 562, P. L. & R.

**U. S. POSTAGE  
1 CENT PAID**

HAMBURG, N. Y.

Permit No. 7

Library  
U.S. Dept. of Agriculture  
Washington 25, D.C.



Gladiolus "Aflame"

**HORNBERGER'S GARDEN SERVICE**

Clark Street

Hamburg, N. Y.